

CITY OF BELMONT RALSTON AVENUE CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 AND 2

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LOCATION MAP

N.T.S.

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-227-2600
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS



APPROVALS
65%
NOT FOR CONSTRUCTION
SHEET 1 OF 36

DATE: April 17, 2018		DRAWN BY: AM		DESIGNED BY: AP	
REVISION		DATE		BY	
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TITLE SHEET

DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2



SCALE:
AS SHOWN
SHEET:
1 OF 36

APPROVALS
65%
NOT FOR CONSTRUCTION
SHEET 1 OF 36

GENERAL NOTES:

1. SIGNING AND STRIPING SHALL CONFORM TO THE CITY OF MILLBRAE REQUIREMENTS. APPLICABLE DETAILS OF THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) 2013 STANDARD PLANS, STANDARD SPECIFICATIONS, LATEST EDITION OF THE CALIFORNIA MUTCD, SIGN SPECIFICATIONS SHEETS, AND THE SPECIFICATIONS.
2. ALL STRIPING SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE APPLIED AT A THICKNESS OF 0.150 INCH.
3. ALL CROSSWALK AND STOP BAR STRIPES SHALL BE 12" WHITE STRIPES UNLESS OTHERWISE NOTED ON THE PLANS. ALL CROSSWALKS SHALL BE 11" O.C. IN WIDTH.
4. CONTRACTOR TO PROVIDE SIGN PROOFS TO CITY FOR APPROVAL PRIOR TO MANUFACTURING OF ANY PROPOSED SIGNS ON THIS PLAN.
5. CONTRACTOR TO ADD PRIMER ON ROADWAY PRIOR TO INSTALLING ANY NEW THERMOPLASTIC STRIPING.

LEGEND

- INSTALL NEW SIGN
- EXISTING SIGN TO REMAIN
- INSTALL NEW THERMOPLASTIC STRIPING PER DETAIL NUMBER
- EXISTING STRIPING TO REMAIN
- REMOVE EXISTING STRIPES
- TYPE I ARROW PAVEMENT MARKING PER CALTRANS STD PLAN A24A
- TYPE II (L) ARROW PAVEMENT MARKING PER CALTRANS STD PLAN A24B
- TYPE III (L) ARROW PAVEMENT MARKING PER CALTRANS STD PLAN A24B
- TYPE IV (L) AND (R) ARROW PAVEMENT MARKING PER CALTRANS STD PLAN A24A
- TYPE VII (L) AND (R) ARROW PAVEMENT MARKING PER CALTRANS STD PLAN A24A
- "STOP" PAVEMENT MARKING PER CALTRANS STD PLAN A24D
- "BIKE LANE SYMBOL" PAVEMENT MARKING LEGEND AND ARROW PER CALTRANS STD PLAN A24C
- "SHARED ROADWAY BICYCLE" PAVEMENT MARKING PER CALTRANS STD PLAN A24C
- CENTERED IN TRAVEL LANE
- (LENGTH OF DETAIL) STRIPING DETAIL
- (LENGTH OF DETAIL) EXISTING STRIPING DETAIL
- CONFORM TO EXISTING
- CHANGE IN STRIPING DETAIL

GENERAL NOTES

1. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
2. THE ENGINEER ASSUMES NO RESPONSIBILITY BEYOND THE ADEQUACY OF THE DESIGN CONTAINED HEREIN.
3. THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE CAL/OSHA STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS.
4. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
5. ALL WORK SHALL CONFORM TO THE CURRENT CITY OF BELMONT ORDINANCES (UNIFORM CONSTRUCTION STANDARDS) AND THE STANDARD SPECIFICATIONS OF THE CITY OF BELMONT AND THE STATE OF CALIFORNIA.
6. THE CONTRACTOR SHALL SUBMIT TO THE CITY AND HAVE IN THE SUPERINTENDENT'S VEHICLE, EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
7. EMERGENCY PHONE NUMBERS TO REACH CONTRACTOR SHALL BE GIVEN TO CITY OF BELMONT PUBLIC WORKS DEPARTMENT.
8. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY.
9. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL AFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD FOR THE PROTECTION OF LIFE OR LIMB, CONFORMING TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
10. ALL WORK SHALL BE PERFORMED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND SPECIAL PROVISIONS.
11. NO WORK SHALL BE DONE ON THIS PROJECT PRIOR TO A PRE-CONSTRUCTION CONFERENCE TO BE HELD WITH THE PUBLIC WORKS DEPARTMENT AND ENGINEER.
12. EQUIPMENT SHALL NOT BE STORED ON OR WITHIN THE PUBLIC RIGHT-OF-WAY WITHOUT PRIOR WRITTEN APPROVAL FROM THE CITY ENGINEER. IF PERMITTED, EQUIPMENT SHALL BE SECURED AND LOCKED WITH PROTECTIVE COVERS IN PLACE. ADEQUATE BARRICADES WITH OPERABLE FLASHERS SHALL BE INSTALLED AROUND THE EQUIPMENT AND REMAIN IN WORKING ORDER AT ALL TIMES.
13. THE CONTRACTOR SHALL INFORM THE CITY ENGINEER 48 HOURS IN ADVANCE OF THE TIME HE REQUIRES AN INSPECTOR, INCLUDING FORM WORK REVIEW AND APPROVAL.
14. THE FOLLOWING CONTROL MEASURES FOR GRADING AND CONSTRUCTION ACTIVITIES SHALL BE ADHERED TO, UNLESS OTHERWISE APPROVED BY THE CITY:
 - A. GRADING AND CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 8 AM TO 5 PM ON WEEKDAYS; THERE SHALL BE NO GRADING OR CONSTRUCTION ACTIVITIES ON THE WEEKENDS OR CITY HOLIDAYS.
 - B. GRADING AND CONSTRUCTION EQUIPMENT SHALL BE PROPERLY MUFFLED.
 - C. UNNECESSARY IDLING OF GRADING AND CONSTRUCTION EQUIPMENT IS PROHIBITED.
 - D. NOISE-GENERATING STATIONARY CONSTRUCTION EQUIPMENT, SUCH AS COMPRESSORS, SHALL BE LOCATED AS FAR AS PRACTICAL FROM OCCUPIED RESIDENTIAL HOMES.
 - E. CONSTRUCTION TRASH AND DEBRIS SHALL BE CLEANED UP DAILY.
 - F. ALL UNPAVED ACCESS ROADS, PARKING AREAS AND CONSTRUCTION STAGING AREAS SHALL BE WATERED OR TREATED WITH (NON-TOXIC) SOIL STABILIZERS, AS NECESSARY TO PREVENT AIRBORNE DUST.
 - G. CONSTRUCTION SITES SHALL BE KEPT CLEAN AT ALL TIMES. AT NO TIME SHALL THE CONTRACTOR OR PERMIT HOLDER BE ALLOWED TO LEAVE THE SITE PRIOR TO THOROUGHLY CLEANING SIDEWALKS, CURBS, GUTTERS, AND STREET SURFACES.
 - H. ADJACENT STREETS & APPROVED HAUL ROUTES SHALL BE SWEEPED DAILY BY MECHANICAL SWEEPERS EQUIPPED WITH VACUUM UNITS AND THOROUGHLY FLUSHED AFTER SWEEPING IS COMPLETED.
 - I. CONSTRUCTION ACTIVITIES SHALL COMPLY WITH CITY OF THE BELMONT NOISE REGULATIONS.
 - J. CONSTRUCTION ACCESS ROUTES SHALL BE APPROVED IN ADVANCE BY THE CITY OF BELMONT.
 - K. CONSTRUCTION TRAILERS AND STORAGE AREAS FOR CONSTRUCTION MATERIALS SHALL NOT BE LOCATED IMMEDIATELY CONTIGUOUS TO A NEIGHBORING RESIDENCE OR WITHIN THE PUBLIC RIGHT-OF-WAY.

15. PRIOR TO ISSUANCE OF A GRADING PERMIT, THE CONTRACTOR SHALL PREPARE A DUST CONTROL PLAN FOR SUBMITTAL TO THE PUBLIC WORKS DEPARTMENT. THE DUST CONTROL PLAN SHALL INCLUDE A SCHEDULE FOR WATERING AREAS OF EXPOSED SURFACES DURING THE CONSTRUCTION AND GRADING PROCESS (EARLY MORNING AND EARLY EVENING), OVERSPILLING OF WATER TRUCKS WILL NOT BE ALLOWED.
16. ALL CONSTRUCTION ACTIVITIES SHALL MEET THE REQUIREMENTS OF THE CITY OF BELMONT NPDES PERMIT.
17. EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT RUNOFF TO PUBLIC ROADWAYS, DRAINAGE FACILITIES AND ADJACENT PROPERTIES.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE SITE OR SURROUNDING AREA DUE TO DUST OR EROSION, RESULTING FROM WORK DONE BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE A SEVEN (7) DAY PHONE NUMBER TO RECEIVE AND RESPOND TO DUST COMPLAINTS RESULTING FROM ALL CONSTRUCTION OPERATIONS AND SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
19. PRIOR TO ISSUANCE OF A GRADING PERMIT, CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN FOR REVIEW TO THE PUBLIC WORKS DEPARTMENT.
20. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF ANY EXISTING UNDERGROUND UTILITY AND IMPROVEMENT WITH APPROPRIATE AGENCIES PRIOR TO START OF CONSTRUCTION IN THAT VICINITY. ANY CONFLICTS SHALL BE REPORTED IMMEDIATELY TO THE AGENCY AND TO THE ENGINEER. NEITHER THE CITY NOR THE ENGINEER ASSUMES RESPONSIBILITY THAT THE OBSTRUCTIONS INDICATED ON THE PLANS WILL BE THE OBSTRUCTIONS ENCOUNTERED. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (800) 642-2444 TWO WORKING DAYS PRIOR TO START OF CONSTRUCTION.
21. AT THE TIME OF CONSTRUCTION ALL EXISTING MONUMENTATION, INCLUDING PROPERTY SURVEY CONTROL POINTS, SHALL BE PRESERVED. IF MONUMENTS BECOME DAMAGED DURING CONSTRUCTION, THEY SHALL BE RESTORED AT THE CONTRACTORS EXPENSE.
22. STATIONING HEREON IS ALONG STREET CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
23. ALL RETURN RADI AND CURB DATA ARE TO FACE OF CURB.
24. ALL LENGTHS ARE BASED ON HORIZONTAL MEASUREMENTS.
25. STATION AND OFFSET PROVIDED TO STORM DRAIN INLETS IS AT CENTER OF STRUCTURE AT FACE OF CURB.
26. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY SOIL OR WATER CONTAMINATION NOTICED DURING CONSTRUCTION TO THE CITY OF BELMONT FIRE DEPARTMENT HAZARDOUS MATERIALS DIVISION, THE SAN MATEO COUNTY DEPARTMENT OF HEALTH, AND THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD.
27. ALL CURB, GUTTER, SIDEWALK & PAVEMENT TO BE REMOVED SHALL BE SAWCUT AT THE CONFORM LINES. ALL EXCAVATIONS INTO EXISTING PAVEMENTS SHALL BE SAWCUT.
28. ALL EXCAVATIONS SHALL BE BACKFILLED AND COMPACTED AT DAY'S END. A MINIMUM OF TWO INCHES OF TEMPORARY PAVING SHALL BE INSTALLED AND COMPACTED BY MECHANICAL MEANS TO PRODUCE A SMOOTH SURFACE FOR PEDESTRIAN AND VEHICULAR TRAFFIC.
29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPE. LOW SPOTS OR HAZARDOUS CONDITIONS. PAVING CONFORMS SHALL BE MADE AT A SMOOTHLY TRIMMED BUTT JOINT. DO NOT OVERLAP EXISTING PAVEMENT.
30. IT IS THE PAVING CONTRACTOR'S RESPONSIBILITY TO RESTORE STREET AND SIDEWALK SUBGRADES DISTURBED DURING UNDERGROUND CONSTRUCTION. ALL EXISTING STREET IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER.
31. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER AND THE UTILITY OWNER, AT THE CONTRACTOR'S SOLE EXPENSE.
32. ALL MANHOLES, VALVE COVER, UTILITY BOXES, AND MONUMENT COVERS SHALL BE ADJUSTED TO FINISHED GRADE AFTER FINAL PAVING.
33. IF ARCHEOLOGICAL MATERIAL ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATIONS, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHEOLOGIST WHO IS VERIFIED BY THE SOCIETY OF CALIFORNIA ARCHEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGESTS APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.

GRADING NOTES

1. PRIOR TO PERFORMING ANY GRADING, THE CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY IN ACCORDANCE WITH THE MUNICIPAL CODE.
2. A REPRESENTATIVE OF THE SOILS ENGINEER SHALL BE ON SITE DURING GRADING OPERATIONS.
3. THE SOILS ENGINEER SHALL BE NOTIFIED AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY GRADING OPERATIONS.
4. ALL GRADING WORK SHALL BE INSPECTED AND APPROVED BY THE SOILS ENGINEER. ANY UNACCEPTED WORK SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
5. IMPORT MATERIAL SHOULD BE APPROVED BY THE SOIL ENGINEER'S REQUIREMENTS BEFORE IT IS BROUGHT TO THE SITE.
6. ALL EXCAVATION SPOLS SHALL BE DISPOSED OF IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATION SECTION 7-1.13 DISPOSAL OF MATERIAL OUTSIDE THE RIGHT OF WAY.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF EROSION, SEDIMENTATION & POLLUTION CONTROL.

EROSION CONTROL NOTES

1. CONTRACTOR TO EMPLOY BEST MANAGEMENT PRACTICES (BMP'S) IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF CALIFORNIA CONSTRUCTION SITE BMP MANUAL AND THE SAN MATEO STORMWATER POLLUTION PREVENTION PROGRAM.
2. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND NO LESS OFTEN THAN DAILY THEREAFTER. INSPECTOR MAY REQUIRE MORE FREQUENT CLEANING AS WEATHER CONDITIONS DICTATE.
3. EROSION CONTROL MEASURES SHALL BE INSTALLED AS NECESSARY TO PREVENT SEDIMENT RUNOFF TO PUBLIC ROADWAY DRAINAGE FACILITIES, ADJACENT PROPERTIES AND THE SAN FRANCISCO BAY.
4. ALL PAVED AREAS WILL BE KEPT CLEAR OF EARTHEN MATERIAL AND DEBRIS. THE SITE WILL BE MAINTAINED SO THAT SEDIMENT-LADEN RUNOFF DOES NOT ENTER THE STORM DRAINAGE SYSTEM.
5. ALL STORM DRAIN STRUCTURES AND INLET PIPES SHALL BE PROTECTED FROM INFLOW OR SILT BY GRAVEL BAG SILT BARRIERS OR SIMILAR DEVICE.
6. CONTRACTOR SHALL HAVE TOOLS, EQUIPMENT, AND MATERIALS TO PROVIDE EROSION CONTROL MEASURES MADE NECESSARY BY A CONSTRUCTION OPERATION, ON THE JOB SITE BEFORE BEGINNING THAT OPERATION.
7. ADJACENT PROPERTIES SHALL BE PROTECTED FROM STORM WATERS, MUD, SILT, ETC. ON A DAILY BASIS.
8. DUST CONTROL SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND UNTIL FINAL COMPLETION. THE CONTRACTOR WHEN HE OR HIS SUBCONTRACTOR ARE OPERATING EQUIPMENT ON-SITE, SHALL PREVENT THE FORMATION OF ANY AIRBORNE NUISANCE BY WATERING AND/OR TREATING THE SITE OF THE WORK IN SUCH A MANNER THAT WILL CONFINE DUST PARTICLES TO THE IMMEDIATE SURFACE OF THE WORK. ADDITIONAL WATERING SHALL BE PROVIDED ON DRY OR WINDY DAYS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY DUST FROM HIS OWN ACTIVITIES OR HIS SUBCONTRACTORS ACTIVITIES IN PERFORMING THE WORK UNDER THIS CONTRACT AND SHALL BE RESPONSIBLE FOR ANY CITATIONS, FINES, OR CHARGES RESULTING FROM DUST NUISANCE. DUST CONTROL WILL BE DONE ON A DAILY BASIS.
9. CONCRETE WASH AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES DETAIL WM-8.
10. STORE, HANDLE AND DISPOSE OF CONSTRUCTION MATERIALS AND WASTES SO AS TO PREVENT THEIR ENTRY TO THE STORM DRAIN SYSTEM. CONTRACTOR MUST NOT ALLOW CONCRETE, WASH WATERS, SLURRIES, PAINT OR OTHER MATERIALS TO ENTER CATCH BASINS OR TO ENTER SITE RUNOFF.
11. USE FILTRATION OR OTHER MEASURES TO REMOVE SEDIMENTS FROM DEWATERING EFFLUENT.
12. NO CLEANING, FUELING, OR MAINTAINING VEHICLES ON SITE SHALL BE PERMITTED TO ALLOW DELETERIOUS MATERIALS FROM ENTERING CATCH BASINS OR TO ENTER SITE RUNOFF.



DATE: April 17, 2018	BY: [Signature]
DRAWN BY: AM	CHECKED BY: [Signature]
DESIGNED BY: JAP	APPROVED BY: [Signature]

65%
NOT FOR CONSTRUCTION

APPROVALS

DATE: April 17, 2018	BY: [Signature]
DRAWN BY: AM	CHECKED BY: [Signature]
DESIGNED BY: JAP	APPROVED BY: [Signature]

GENERAL NOTES AND LEGEND

DEPARTMENT OF PUBLIC WORKS

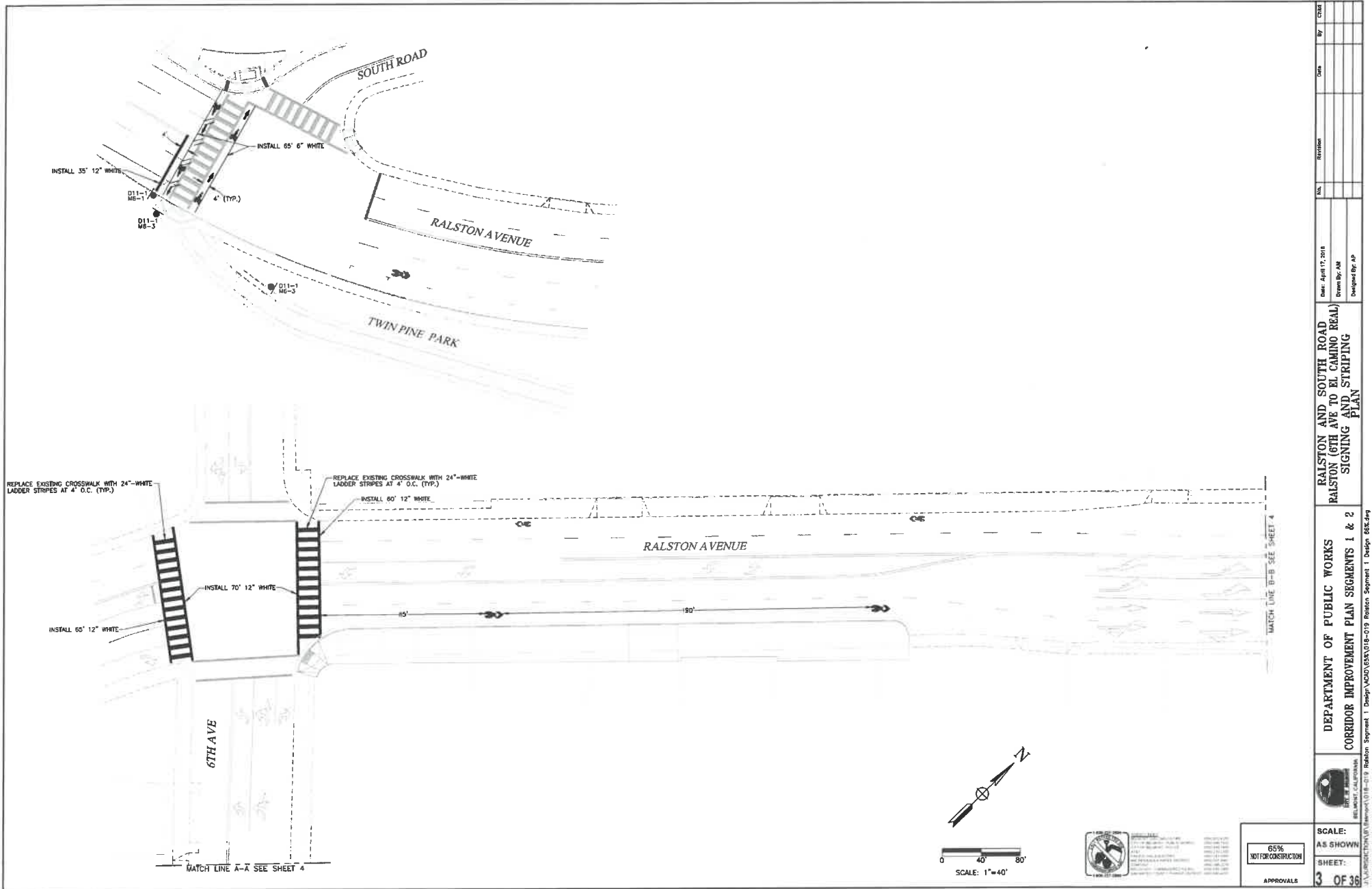
CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2

SCALE: AS SHOWN

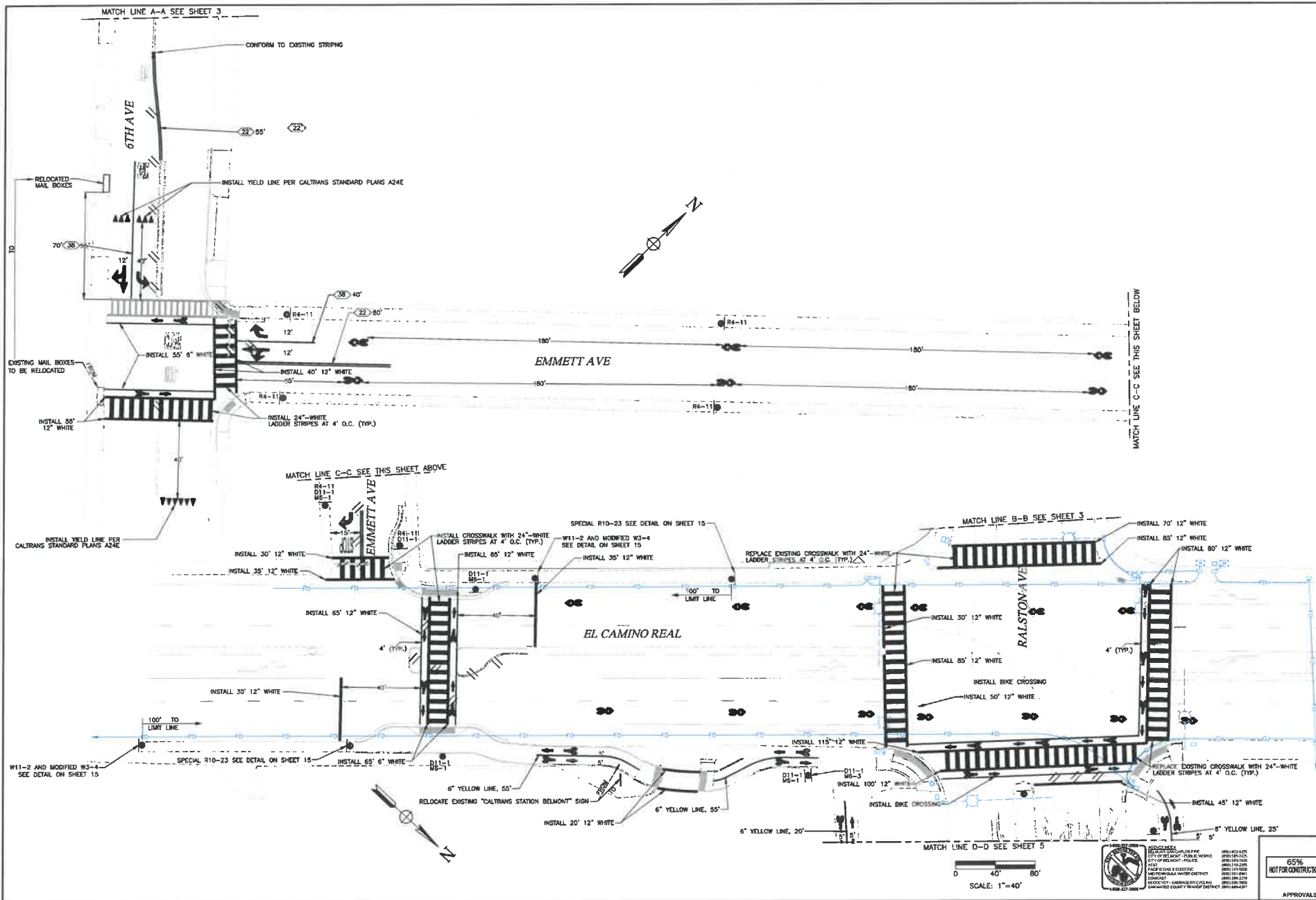
SHEET: 2 OF 36

65% NOT FOR CONSTRUCTION

APPROVALS



	DEPARTMENT OF PUBLIC WORKS CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2			RALSTON AND SOUTH ROAD RALSTON (6TH AVE TO EL CAMINO REAL) SIGNING AND STRIPING PLAN			Date: April 17, 2018 Drawn By: AM Designed By: AP	No. Revision By Check
	SCALE: AS SHOWN			SHEET: 3 OF 38			APPROVALS	
	65% NOT FOR CONSTRUCTION			MATCH LINE B-B SEE SHEET 4			MATCH LINE A-A SEE SHEET 4	
	SCALE: 1"=40' 0 40 80			RALSTON AVENUE 15' 190'			6TH AVE	



**6TH AVENUE AND EMMETT AVENUE
EL CAMINO REAL (EMMETT AVE TO RALSTON AVE)
SIGNING AND STRIPING
PLAN**

DATE: April 12, 2018
DRAWN BY: AM
DESIGNED BY: AP

SCALE:
AS SHOWN

SHEET:
4 OF 36

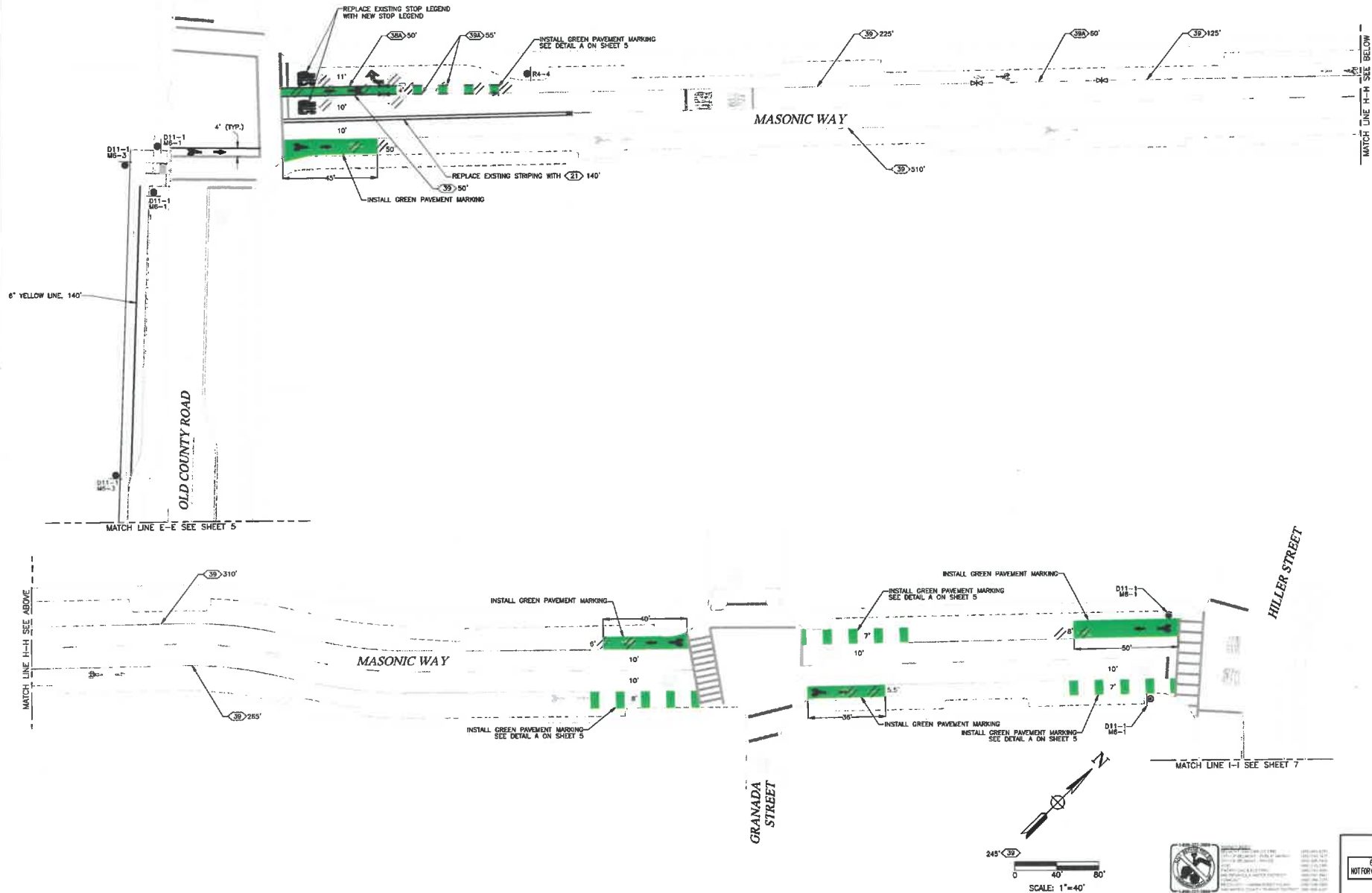
APPROVALS

DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2

65%
NOT FOR CONSTRUCTION

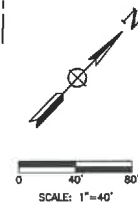
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APPROVED BY: [Signature]

PROJECT NO: 15000000000000000000
SHEET NO: 4 OF 36
DATE: 04/12/2018



DEPARTMENT OF PUBLIC WORKS CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2		Masonic Way (Old County Road to Hiller St) Signing and Striping Plan	Date: April 11, 2018 Drawn By: AM Designed By: AP	Revision No. By Date	CHD
SCALE: AS SHOWN SHEET: 6 OF 38		APPROVALS			

38' 245° 30' 0" 40' 80' SCALE: 1"=40'
 65% NOT FOR CONSTRUCTION
 1 Design/ACAD/65% 018-019 Robison Segment 1 Design 65% 4/9

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65%
NOT FOR CONSTRUCTION

APPROVALS

DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2

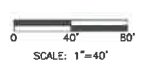
**RALSTON AVENUE
(US 101 SB OFF RAMP TO US 101 NB ON RAMP)
SIGNING AND STRIPING
PLAN**

Date: April 17, 2018
Drawn By: AM
Designed By: AP

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DESIGN

PROJECT NO.	PROJECT NAME	PROJECT LOCATION
018-019	Rollston Segment 1 Design\ACAD\B35\018-019 Rollston Segment 1 Design.dwg	N

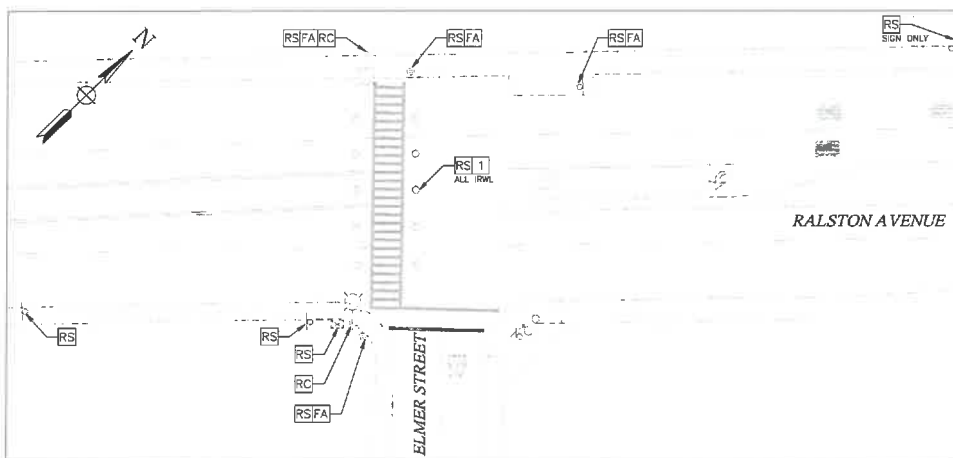
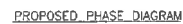
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85%
NOT FOR CONSTRUCTION

SCALE:
AS SHOWN

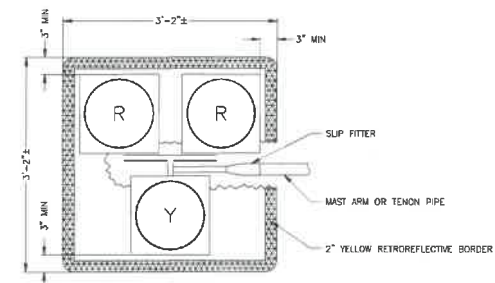
SHEET:
9 OF 36

 CITY OF SAN FRANCISCO OFFICE OF THE CITY ATTORNEY 100 MARKET STREET, SUITE 1000 SAN FRANCISCO, CA 94102	DEPARTMENT OF PUBLIC WORKS CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2	RALSTON AVENUE (US 101 NB OFF RAMP TO US 101 NB ON RAMP) SIGNING AND STRIPING PLAN	Date: April 17, 2019		Date	By
			No. _____	Revision		
			Created By: AM Designed By: AP			

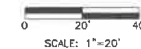
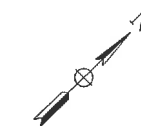


EQUIPMENT REMOVAL PLAN
1" = 20'

1. SAWCUT AND REMOVE 1.5"x1"x6" PAVEMENT AT EACH RW/L LOCATION. PLACE 6" DEEP LIFT HMA.
2. INSTALL TYPE 332 CABINET FOUNDATION, FURNISH AND INSTALL TYPE 332 CABINET WITH INTELLIGENT WIRING CONTROL SYSTEM AND DMS SOFTWARE. FURNISH AND INSTALL BATTERY BACK UP SYSTEM IN EXTERNAL CABINET ATTACHED TO SIDE OF 332 CABINET. FRONT DOOR OF 332 CABINET SHALL FACE SOUTH.
3. FURNISH AND INSTALL TYPE II-AF SERVICE EQUIPMENT ENCLOSURE (120/240V) AND FOUNDATION. SEE WIRING DIAGRAM DETAIL ON SHEET 15.
4. PROTECT EXISTING OVERHEAD POLE WITH SOLAR PANEL IN PLACE.
5. MODIFIED R10-23 SIGN. SEE DETAIL 1 ON SHEET 15.
6. "CROSSWALK" SIGN. SEE DETAIL 2 ON SHEET 15.



2 PEDESTRIAN HYBRID BEACON (PHB) DETAIL

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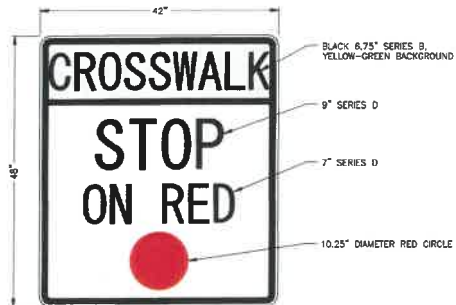
65%
NOT FOR CONSTRUCTION

APPROVALS

CONDUIT AND CONDUCTOR SCHEDULE					
AWG OR CABLE	CONDUIT RUN	NUMBER OF CONDUCTORS			
		CONDUIT RUN NUMBERS			
		1	2	3	4
#14	#2	3	3		
	#6	3	3	3	3
	#8P	2	2	2	2
	#8PPB	1	1	1	1
	PPB COMMON	1	1	1	1
	SPARES	3	3	3	3
	TOTAL #14	13	13	10	10
#8	LUMINAIRES		2	2	2
	SIGNAL COMMON		1	1	1
	BOND (BARE)		1	1	1
	TOTAL #8		4	4	4
CONDUIT SIZE (in)		3"	3"	3"	3"
% CONDUIT FILL		4%	7%	6%	6%

STANDARD NOTES AND ABBREVIATIONS:

△ = NEW CONDUIT RUN



1 MODIFIED R10-23 SIGN
NOT TO SCALE



NOTES:

- SIGN SHALL BE DOUBLE FACED USING 8 INCH UPPERCASE SERIES D LETTERS CENTERED VERTICALLY.
- SIGN SHALL BE A D3-1 PLATE WITH 3/4 INCH BLACK BORDER AND BLACK LETTERING ON YELLOW-GREEN, RETROREFLECTIVE BACKGROUND (TYPE IX RETROREFLECTIVE SHEETING) CONSTRUCTED USING 0.005 INCH GAUGE METAL PLATE.
- MAST ARM MOUNTED STREET NAME SIGNS SHALL BE INSTALLED WITH OVERHEAD MAST ARM ADJUSTABLE SWING SIGN BRACKETS (HAWKINS MOU-OCB25CAL).
- REFER TO CALTRANS STANDARD PLANS FOR MOUNTING DETAILS AND PLACEMENT. THE SIGN BRACKET SHALL BE DOUBLE STRAPPED TO THE MAST ARM WITH HEAVY DUTY STAINLESS STEEL STRAPS.
- PROVIDE CITY HALL FULL SIZE PAPER PRINT OF SIGN TO REVIEW AND APPROVE PRIOR TO MANUFACTURING THE SIGN.

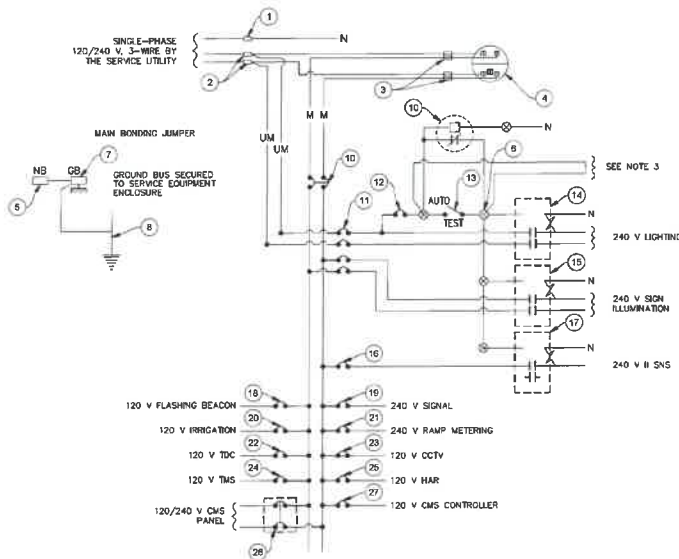
2 MAST ARM MOUNTED "CROSSWALK" SIGN
NOT TO SCALE

POLE AND EQUIPMENT SCHEDULE										
LOCATION	STANDARD			VEHICLE SIGNAL MOUNTING		PED SIGNAL MOUNTING	PPB		LUMINAIRE LED	SPECIAL REQUIREMENTS
	TYPE	SIGNAL M.A.	LUM. M.A.	MAST ARM	POLE		ø	ARROW		
(A)	26-4-100	40'	15'	MAS MAS	SV-1-T	-	-	-	63W	INSTALL MODIFIED R10-23 SIGN (DETAIL 1 ON THIS SHEET) AND "CROSSWALK" SIGN (DETAIL 2 ON THIS SHEET) LOCATED ON THE MAST ARM.
(B)	26-4-100	45'	15'	MAS MAS	SV-1-T	SP-1-T	ø8	LEFT	63W	INSTALL MODIFIED R10-23 SIGN (DETAIL 1 ON THIS SHEET) AND "CROSSWALK" SIGN (DETAIL 2 ON THIS SHEET) LOCATED ON THE MAST ARM.
(C)	1-A	-	-	-	-	TP-1-T	ø8	RIGHT	-	

STANDARD NOTES:

OTHER REQUIREMENTS ARE COVERED BY NOTES, LEGENDS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS. SIGNAL & LIGHTING STANDARDS SHALL CONFORM TO THE MOST RECENT PROVISIONS OF THE CALTRANS STANDARD PLANS. ALL EQUIPMENT SHOWN IN THE SCHEDULE IS NEW UNLESS NOTED OTHERWISE WITH AN (E).

(X) = NEW SIGNAL POLE



120/240 V SERVICE WIRING DIAGRAM (TYPICAL)

NOTES: (FOR THIS SHEET ONLY)

- VOLTAGE RATINGS OF SERVICE EQUIPMENT SHALL CONFORM TO THE SERVICE VOLTAGES INDICATED ON THE PLANS.
- UNLESS OTHERWISE INDICATED ON THE PLANS, SERVICE EQUIPMENT ITEMS SHALL BE PROVIDED FOR EACH SERVICE EQUIPMENT ENCLOSURE AS SHOWN.
- CONNECT TO REMOTE TEST SWITCH MOUNTED ON LIGHTING STANDARDS, SIGN POST OR STRUCTURE WHEN REQUIRED.
- ITEMS NO. 1 AND 6 SHALL BE ISOLATED FROM THE SERVICE EQUIPMENT ENCLOSURE.
- METER SOCKETS SHALL MEET SERVICE UTILITY REQUIREMENTS.
- THE LANDING LUG SHALL BE SUITABLE FOR MULTIPLE CONDUCTORS.
- PHOTOELECTRIC CONTROL SHALL BE TYPE B.
- SERVICE UTILITY WILL INSTALL THE TMS-OF-USE METER IF APPLICABLE.
- UNLESS OTHERWISE NOTED, THE MAXIMUM NUMBER OF SINGLE-POLE CIRCUIT BREAKER SPACES IN THE ENCLOSURE IS FOURTEEN.
- SEE STANDARD PLANS ES-20 FOR OTHER DETAILS.

LEGEND

P	POLE	---	EXTERNAL CONDUCTOR
CB	CIRCUIT BREAKER	---	CONDUCTOR OR BUS
A	AMPERE	•	THE POINT
V	VOLT	—○—	CONDUCTOR COIL
M	METERED	—○—	CONTACTOR, CONTACT NO.
UN	UNMETERED	—○—	TERMINAL BLOCK
SN	SOLID NEUTRAL	—○—	CONTACTOR, CONTACT NO.
NO	NORMALLY OPEN	—○—	ENCLOSURE
NC	NORMALLY CLOSED	—○—	GROUND

TYPE III-A SERVICE EQUIPMENT ENCLOSURE LEGEND (120/240 V)			
ITEM No.	COMPONENT	NAME PLATE DESCRIPTION	REMARKS
1	NEUTRAL LUG		
2	LANDING LUG (NOTE 6)		
3	TEST BYPASS FACILITY		
4	METER SOCKET AND SUPPORT		
5	NEUTRAL BUS		
6	TERMINAL BLOCK		
7	GROUND BUS		
8	GROUNDING ELECTRODE		
9	100 A, 240 V, 2P, CB	MAIN CIRCUIT BREAKER	
10	PHOTOELECTRIC UNIT (SEE NOTE 7)		
11	30 A, 240 V, 4P, CB	LIGHTING	
12	15 A, 120 V, 1P, CB	LIGHTING	
13	15 A, 120 V, 1P, TEST SWITCH	TEST SWITCH	
14	60 A, 2P, NO CONTACTOR		NOT USED
15	30 A, 2P, NO CONTACTOR		NOT USED
16	15 A, 120 V, 1P, CB		NOT USED
17	30 A, 2P, NO CONTACTOR		NOT USED
18	15 A, 120 V, 1P, CB	FLASHING BEACONS	NOT USED
19	50 A, 120 V, 1P, CB	SIGNALS	
20	20 A, 120 V, 1P, CB	IRRIGATION	NOT USED
21	30 A, 120 V, 1P, CB	RAMP METERING	NOT USED
22	20 A, 120 V, 1P, CB	TELEPHONE DEMARCATION CABINET	NOT USED
23	30 A, 120 V, 1P, CB	CCTV	NOT USED
24	30 A, 120 V, 1P, CB	TMS	NOT USED
25	30 A, 120 V, 1P, CB	HAR	NOT USED
26	30 A, 120 V, 2P, CB	CMS PANEL	NOT USED
27	30 A, 120 V, 1P, CB	CMS CONTROLLER	NOT USED



65%
NOT FOR CONSTRUCTION

APPROVALS

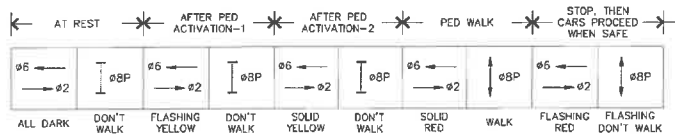
Date: July 8, 2016
Drawn By: AM/AV
Designed By: SP

RAILSTON AVENUE
& ELMER STREET
PEDESTRIAN HYBRID BEACON
CONDUCTOR & EQUIPMENT SCHEDULE

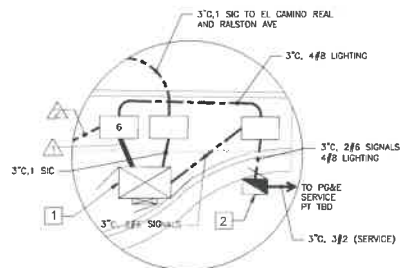
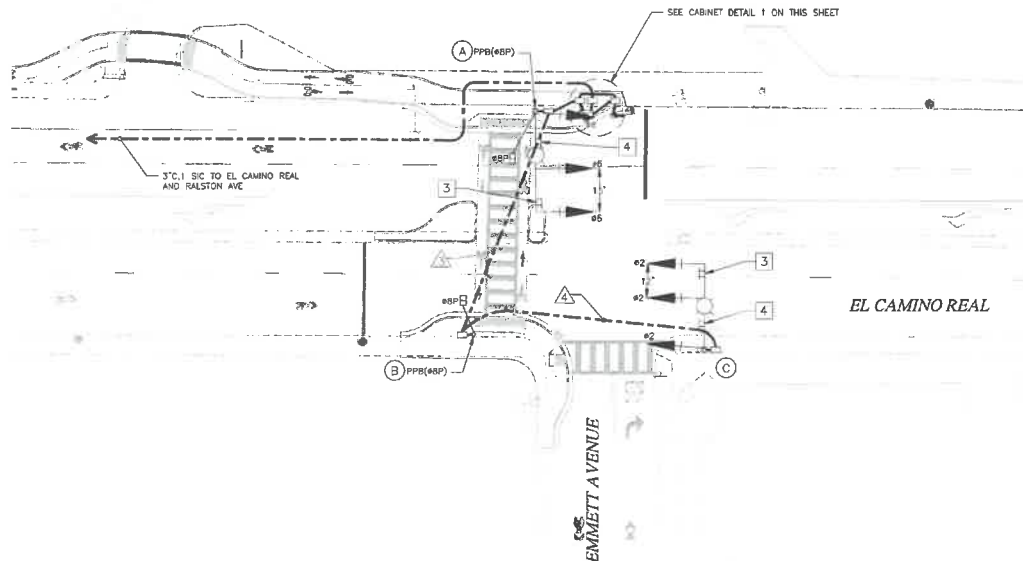
DEPARTMENT OF PUBLIC WORKS
RAILSTON CORRIDOR IMPROVEMENT PLAN
SEGMENTS 1 & 2



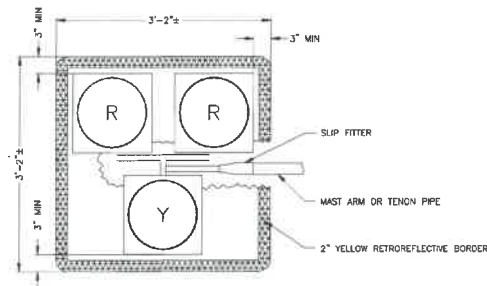
SCALE:
AS SHOWN
SHEET:
11 OF 36



PROPOSED PHASE DIAGRAM



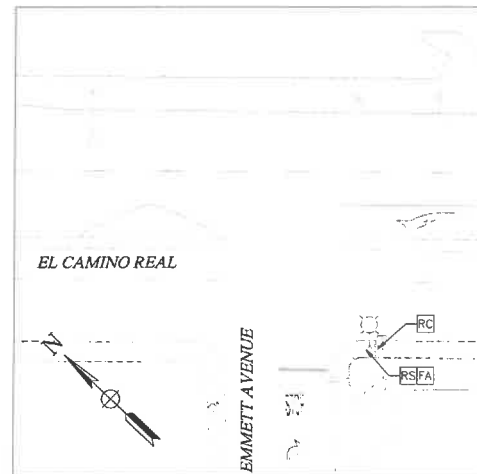
1 CABINET DETAIL
1" = 8'



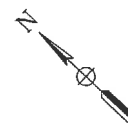
2 PEDESTRIAN HYBRID BEACON (PHB) DETAIL
NOT TO SCALE

PROJECT NOTES

1. INSTALL TYPE 332 CABINET FOUNDATION. FURNISH AND INSTALL TYPE 332 CABINET WITH INTELIGHT MODEL 2075C CONTROLLER WITH D-4 SOFTWARE. FURNISH AND INSTALL BATTERY BACK UP SYSTEM IN EXTERNAL CABINET ATTACHED TO SIDE OF 332 CABINET. FRONT DOOR OF 332 CABINET SHALL FACE SOUTH.
2. FURNISH AND INSTALL TYPE B-A* SERVICE EQUIPMENT ENCLOSURE (120/240V) AND FOUNDATION. SEE WIRING DIAGRAM DETAIL ON SHEET 1B.
3. MODIFIED R10-23 SIGN. SEE DETAIL 1 ON SHEET 1B.
4. "CROSSWALK" SIGN. SEE DETAIL 2 ON SHEET 1B.



EQUIPMENT REMOVAL PLAN
1" = 20'



0 20 40
SCALE: 1" = 20'



APPROVALS
65%
NOT FOR CONSTRUCTION

CHG	BY	DATE	REVISION	DATE	BY	REVISION

EL CAMINO REAL
& EMMETT AVENUE
PEDESTRIAN HYBRID
INSTALLATION

DEPARTMENT OF PUBLIC WORKS
RALSTON CORRIDOR IMPROVEMENT PLAN
SEGMENTS 1 & 2



SCALE:
AS SHOWN
SHEET:
13 OF 36

BEFORE EXCAVATING
CALL U.S.A.
UNDERGROUND SERVICE ALERT
800-227-2600
TWO WORKING DAYS BEFORE ALL
PLANNED WORK OPERATIONS



DESIGNER: [Redacted]
CHECKED BY: [Redacted]
DATE: [Redacted]
SCALE: [Redacted]
SHEET: [Redacted]

65%
NOT FOR CONSTRUCTION

APPROVALS

SCALE:
AS SHOWN

SHEET:
16 OF 36

DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENTS 1 & 2

ELECTRICAL DETAILS

Date: April 17, 2018
Drawn By: AM
Designed By: AP

No.	Revision	Date	By	CHK



SEE CIVIL IMPROVEMENTS PLAN FOR TEMPORARY CONTROL POINT LOCATIONS.

CONTRACTOR SHALL KEEP ACCURATE RECORD DRAWINGS WHICH SHOW THE FINAL LOCATION, ELEVATION, AND DESCRIPTION OF ALL WORK. CONTRACTOR SHALL ALSO NOTE THE LOCATION AND ELEVATION OF ANY EXISTING IMPROVEMENTS ENCOUNTERED. RECORDS SHALL BE "REDLINED" ON A SET OF CONSTRUCTION PLAN DRAWINGS AND GIVEN TO THE OWNER UPON COMPLETION OF WORK.

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY WILSEY HAM.

ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED IN WRITING BY WILSEY HAM AND THE CITY ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED ITEMS. IN ADDITION, REVISIONS AFFECTING THE WATER SYSTEM ALSO REQUIRE WRITTEN APPROVAL FROM MID-PENINSULA WATER DISTRICT PRIOR TO CONSTRUCTION OF THE AFFECTED ITEMS.

AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD, ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF WILSEY HAM PRIOR TO START OF CONSTRUCTION OF THE PARTICULAR ITEM OF WORK.

EXISTING UTILITY INFORMATION WAS PROVIDED TO WILSEY HAM AND MAY NOT HAVE BEEN VERIFIED IN THE FIELD. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND REPORT ANY CONFLICTS TO THE ENGINEER BEFORE CONSTRUCTION BEGINS.

EXISTING	PROPOSED	EXISTING	PROPOSED	
				CENTERLINE
				PARCEL LINE/RIGHT OF WAY
				BUILDING LINE
				CONCRETE SIDEWALK
				CURB AND GUTTER
				DRIVEWAY
				LIMIT OF SLURRY SEAL
				FENCE
				CONTOUR
				VALLEY GUTTER
				SANITARY SEWER
				STORM DRAIN
				WATER
				ELECTRIC LINE
				GAS
				MONUMENT
				GROUND SLOPE
				SANITARY SEWER MANHOLE
				STORM DRAIN MANHOLE
				SIGN
				ELECTROLIER
				GAS VALVE
				FIRE HYDRANT
				WATER METER
				WATER VALVE
				SLURRY SEAL LIMITS
				DIGOUT REPAIR
				CONTRACTOR SHALL GRADE TO DRAIN
				TREE
				TREE TO BE REMOVED
				STUMP TO BE REMOVED
				RETAINING WALL

AB	AGGREGATE BASE	MH	MANHOLE
AC	ASPHALT CONCRETE	MN	MONUMENT
BC	BEGINNING OF CURVE	(N)	NEW
BM	BENCHMARK	N	NORTH
BR	BOTTOM OF RAMP	NTS	NOT TO SCALE
BVC	BEGINNING OF VERTICAL CURVE	(P)	PROPOSED
BW	BACK OF WALK	PCC	PORTLAND CEMENT CONCRETE
C&G	CURB AND GUTTER	PL	PROPERTY LINE
CB	CATCH BASIN	PRVC	POINT OF REVERSE VERTICAL CURVATURE
CL	CENTERLINE	RADIUS	RADIUS
CLR	CLEAR	RAW	RIGHT OF WAY
COM	COMMERCIAL	RET	RETURN
CP	CONTROL POINT	RT	RIGHT
DET	DETAIL	S	SOUTH, SLOPE
D1	DROP INLET	SD	STORM DRAIN
DG	DECOMPOSED GRANITE	SDCB	STORM DRAIN CATCH BASIN
DWY	DRIVEWAY	SODI	STORM DRAIN DROP INLET
E	EAST	SOMH	STORM DRAIN MANHOLE
ELEC	ELECTRICAL	SL	STREET LIGHT
EG	END OF CURVE	SS	SEWER
EG	EXISTING GROUND	SSMH	SANITARY SEWER MANHOLE
EL, ELEV	ELEVATION	STA	STATION
EP	EDGE OF PAVEMENT	STD	STANDARD
EV	END OF VERTICAL CURVE	SW	SIDEWALK
(E) EX	EXISTING	TBR	TO BE RELOCATED
FC	FACE OF CURB	TC	TOP OF CURB
FG	FINISH GRADE	TDC	TOP OF DERESSED CURB
FH	FIRE HYDRANT	TG	TOP OF GRATE
FL	FLOW LINE	TR	TOP OF RAMP
FP	FINISHED PAVEMENT	TRC	TOP OF ROLLED CURB
FT	FOOT OR FEET	TYC	TYPICAL
G	GAS	VP	VERTICAL CURVE
GB	GRADE BREAK	VG	VALLEY GUTTER
GH	HIGH POINT	W	WATER, WEST
INP	INVERT ELEVATION	WM	WATER METER
JT	JOINT TRENCH	WV	WATER VALVE
L	LENGTH		
LF	LINEAR FOOT/FEET		
LT	LEFT		
LP	LOW POINT		

CALL UTILITY NOTIFICATION CENTER OF



AGENCY INDEX	
BELLMONT-SAN CARLOS FIRE	(909) 805-0200
CITY OF BELLMONT - PUBLIC WORKS	(909) 505-7400
CITY OF BELLMONT - POLICE	(909) 505-7400
AT&T	(909) 713-7200
PACIFIC GAS & ELECTRIC	(909) 713-6000
LOS ANGELES WATER DISTRICT	(909) 507-8900
CONCRETE	(909) 288-7777
RECYCLING - GARLAND RECYCLING	(909) 585-7900
SAN MATEO COUNTY TRANSIT DISTRICT	(909) 805-0100



SCALE:
AS SHOWN

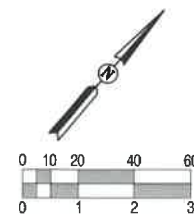
SHEET:
17 OF 36

LEGEND & ABBREVIATIONS

CORRIDOR IMPROVEMENT PLAN SEGMENT 1 & 2

ELMONT, CALIFORNIA





SCALE:
AS SHOWN

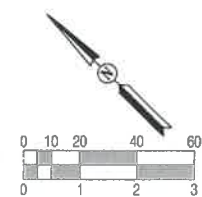
SHEET:
23 OF 36

RALSTON AVENUE

DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENT
1 & 2

CITY OF BERKELEY
BERKELEY, CALIFORNIA

Ques:	No.	Revision	Date	By	Calcd
Ques: JULY 28, 2018		65% DESIGN SUBMITTAL	07/28/18	GM	SAW
Drawn By: JAB					
Designed By: SM					



CITY OF EL MONTE
EL MONTE, CALIFORNIA

SCALE:
AS SHOWN

SHEET:
24 OF 36

CALL URGENT NOTIFICATION CENTER OF
CALIFORNIA

811

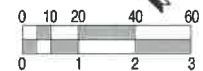
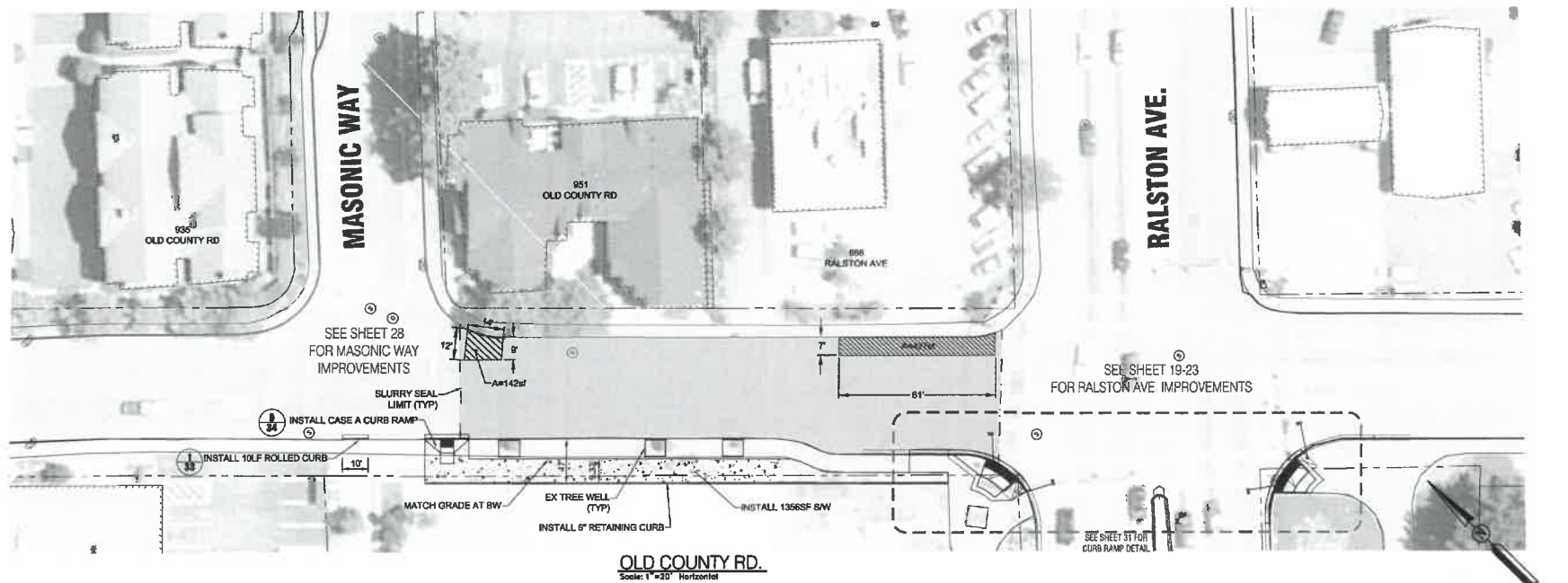
**Know what's below.
Call before you dig.**

CALL 8 BUSINESS DAYS IN ADVANCE BEFORE
YOU DIG, DRILL, OR EXCAVATE FOR THE
WARNING OF UNDERGROUND SERVICE UTILITIES

AGENCY INDEX	
BELMONT-JEAN CARL OR PIRE	(609) 393-42
CITY OF BELMONT - PUBLIC WORKS	(609) 395-71
CITY OF BELMONT - POLICE	(609) 395-21
AT&T	(609) 210-21
PACIFIC GAS & ELECTRIC	(609) 743-88
SEA PENINSULA WATER DISTRICT	(609) 391-88
COMCAST	(609) 396-21
TOPOLOGY - GAMES&RESEARCH	(609) 399-38
SEA WATCO COUNTY TRANSIT DISTRICT	(609) 680-43



FILE: H:\10553\105530001\105530001.dwg Plot Date: 7/23/2018 10:55:30 AM Plot Path: H:\10553\105530001\105530001.dwg Plot Scale: 1"=20' Horizontal



WILSEY HAM
Engineering, Surveying & Planning
3130 La Selva Street, Suite 100
San Mateo, CA 94403
650.348.2151
wilseyham.com

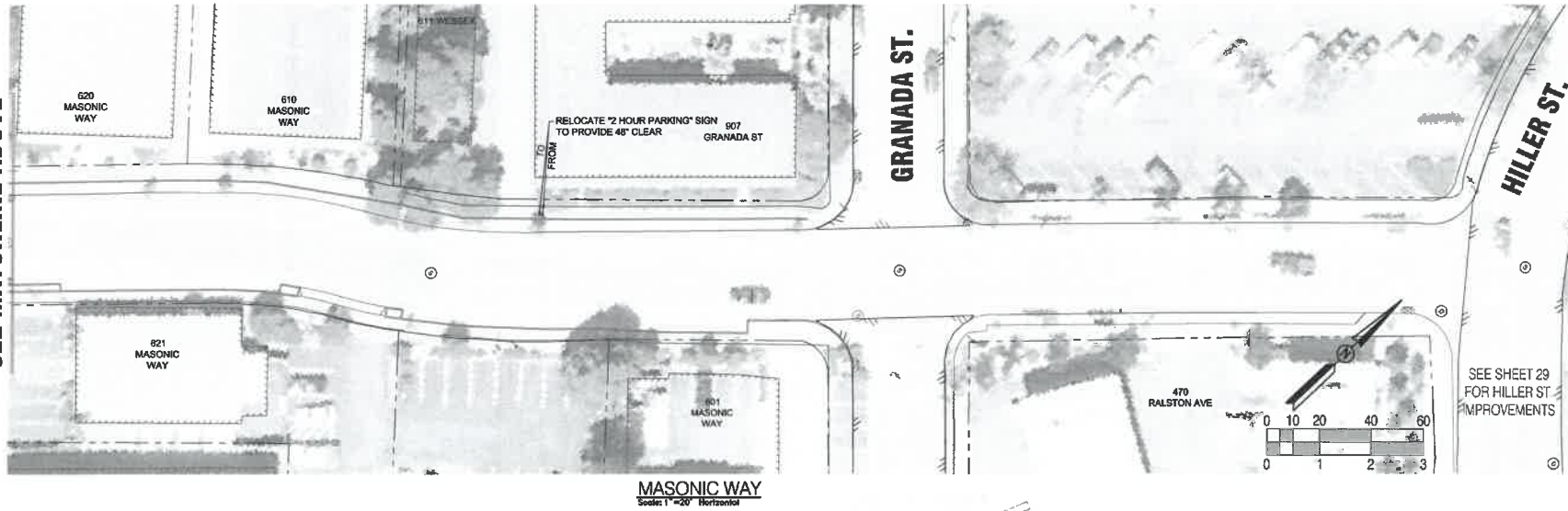


PROJECT: 105530001
SHEET: 27 OF 36
DATE: 7/23/2018
DRAWN BY: JHB
CHECKED BY: JHB
DESIGNED BY: JHB



DEPARTMENT OF PUBLIC WORKS		CORRIDOR IMPROVEMENT PLAN SEGMENT		1 & 2	
SCALE:		AS SHOWN		SHEET:	
27		OF 36			
No.	Revision	Date	By	Check	
1	65% DESIGN SUBMITTAL	7/23/2018	JHB	JHB	
2	DRAWN BY: JHB				
3	DESIGNED BY: JHB				

SEE MATCHLINE ABOVE



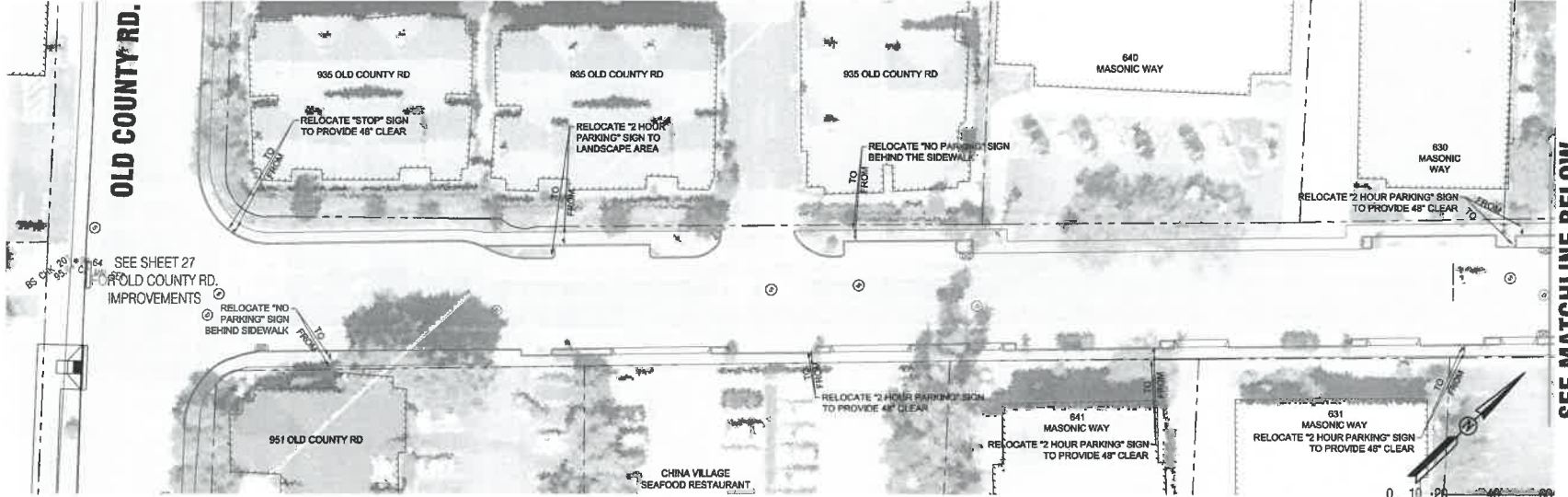
MASONIC WAY
Scale: 1"=20' Horizontal

GRANADA ST.

HILLER ST.

SEE SHEET 29
FOR HILLER ST
IMPROVEMENTS

OLD COUNTY RD.



MASONIC WAY
Scale: 1"=20' Horizontal

SEE MATCHLINE BELOW

WILSEY HAM
Engineering, Surveying & Planning
3130 La Selva Street, Suite 100
San Mateo, CA 94403
650.349.2151
wilseyham.com



FOR MORE INFORMATION OR FOR A FREE COPY OF THE 811 MANUAL, PLEASE CONTACT THE CITY OF SAN MATEO - PUBLIC WORKS DEPARTMENT, 3130 LA SELVA STREET, SUITE 100, SAN MATEO, CA 94403, (650) 349-2151, WWW.SANMATEO.CA.GOV

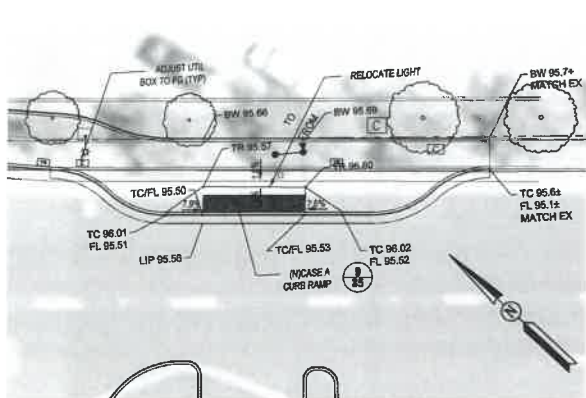


DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENT
1 & 2

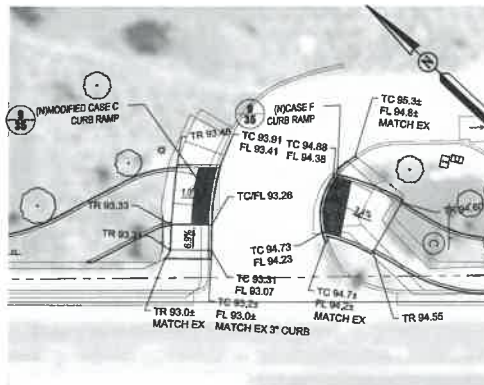
MASONIC WAY

Revision	Drawn By	Check By	Date
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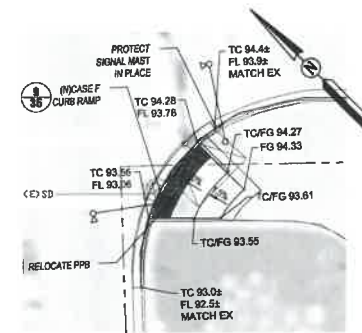
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SHEET:
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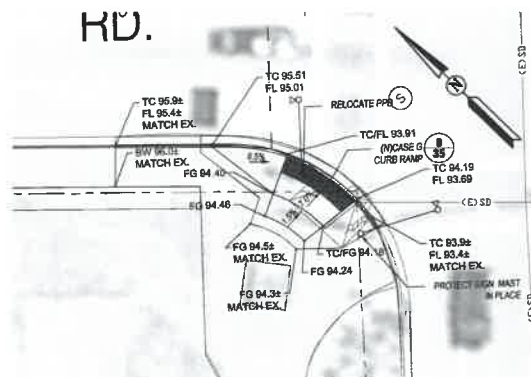
EMMETT ST. & EL CAMINO REAL - EAST SIDE
Scale: 1" = 10' Horizontal



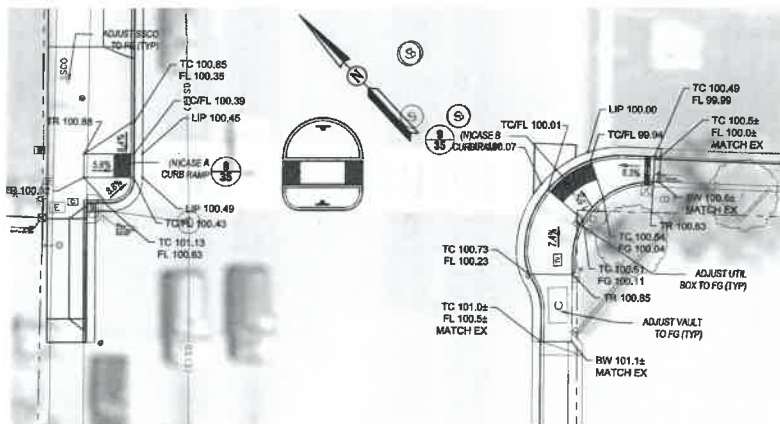
EL CAMINO REAL - CALTRANS PARKING ENTRY
Scale: 1" = 10' Horizontal



RALSTON AVE & OLD COUNTY RD. - SW CORNER
Scale: 1" = 10' Horizontal



RALSTON AVE & OLD COUNTY RD. - NW CORNER
Scale: 1" = 10' Horizontal



RALSTON AVE & ELMER ST.
Scale: 1" = 10' Horizontal

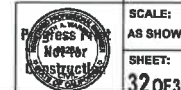
NOTES

1. ANY SURFACE UTILITIES, SUCH AS MANHOLES, VALVES, MONUMENTS, DRAIN INLETS, DETECTOR HANDHOLES AND UTILITY BOXES SHOWN TO BE WITHIN CONSTRUCTION LIMITS SHALL BE ADJUSTED IN ELEVATION TO MATCH THE FINISHED GRADE. UTILITY COVERS SHALL NOT BE STRIPPED OVER.
2. SIGNAGE, STRIPING, AND PAVEMENT MARKINGS SHALL CONFORM TO CURRENT CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS AND TO THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD).
3. ALL TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND CONFORM TO SECTION 84 OF THE CALTRANS STANDARDS SPECIFICATIONS.
4. CROSSWALKS, STOP BARS, AND LEGENDS SHALL CONFORM TO CALTRANS STANDARD PLANS A240 AND A242.
5. ALL EXISTING SIGNAGE SHALL REMAIN IN PLACE.
6. PROTECT AND/OR REPLACE ALL SURVEY MONUMENTS LOCATED IN WORK AREA.

WILSEY & HAM
Engineering, Surveying & Planning
3130 La Selva Street, Suite 100
San Mateo, CA 94403
650.349.2151
wilseyham.com



APPROVED FOR THE CITY OF SAN MATEO
CITY OF SAN MATEO
CITY ENGINEER
DATE: 07/20/18
BY: [Signature]
CITY OF SAN MATEO
CITY ENGINEER
DATE: 07/20/18
BY: [Signature]

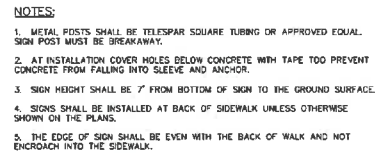


DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENT
1 & 2

RALSTON AVENUE

Drawn By: JAH
Designed By: JAH
Date: JULY 20, 2018
Revision: 05% DESIGN SUBMITTAL
By: [Signature]
Date: 07/20/18
By: [Signature]

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DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENT
1 & 2

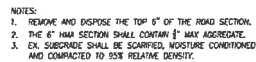
Date: 8/10/2018	No.	Revision	Date	By	Chkd
		65% DESIGN SUBMITTAL	8/7/2018	JM	BAW
Drawn By: PJR					
Designed By: JM					



CITY OF BELMONT
BELMONT, CALIFORNIA

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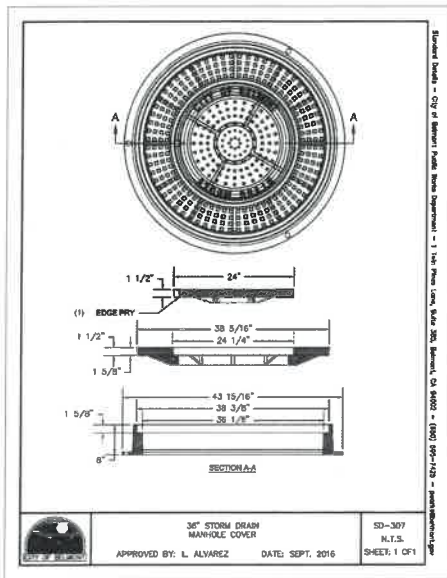


AGENCY INDEX
DELMONT-SAN
CITY OF DELM
CITY OF DELM
ATET
PACIFIC GAS &
MID PENINSUL
COMCAST
REGULATORY - C
SAN MATEO C

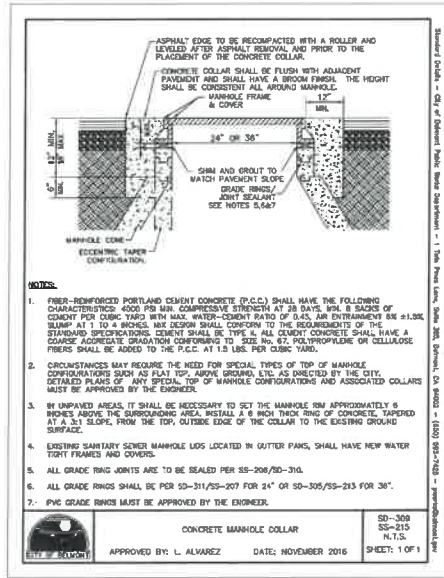


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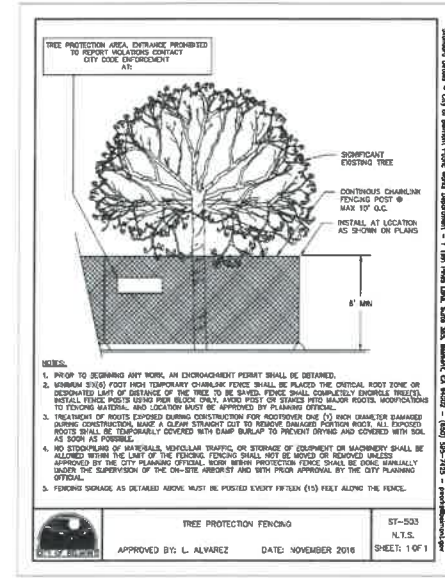
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36" STORM DRAIN MANHOLE COVER
CITY STANDARD DETAIL SD-307



CONCRETE MANHOLE COLLAR
CITY STANDARD DETAIL SD-309



TREE PROTECTION FENCING
CITY STANDARD DETAIL ST-503

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SUNCOAST COUNTY - WATER TREATMENT PLANT



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DEPARTMENT OF PUBLIC WORKS
CORRIDOR IMPROVEMENT PLAN SEGMENT
1 & 2

DETAILS

Date: JUL 15, 2016
Drawn By: JLB
Designed By: JLB
Scale: AS SHOWN
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